•	·	• •							Page 1 of 8
For	Form PTO-1449 (modified)				Atty. Docket No.		· ·	/erial No.	
l ist of	Patente e	and Dublications 4	ina Amalianaw	_	NUBI:002/FUS			08/91	2,978
LISCOI	List of Patents and Publications for Applicant's A				Applicant				
INFORMATION DISCLOSURE STATEMENT Rajindra Aneja									
	(Use s	several sheets if nece	eearv)		Filing Date:			Group):
	(Use several sheets if necessary) August 13, 1997 U.S. Patent Documents Foreign Patent Documents				1502				
		Page 1	Foreig		atent Documents e Page 1			_	Other Art e Page 1
300.1030.1				erage i					
			U.S. Pa	itei	nt Documen	its	<u>. </u>		
Exam. Init.	Ref. Des.	Document Number	Date		Name	C	lass	Sub Class	Filing Date if App.
- hr	Al	4,772,471	09/20/88	Va	inlerberghe et al.	1	124	450	12/12/79
	A2	4,830,857	05/16/89	На	ndjani <i>et al</i> .	4	24	450	10/21/85
	A3	4,837,028	06/06/89	Al	len .	4	24	450	12/24/86
	A4	4,920,016	04/24/90	Ai	len <i>et al</i> .	4	24	450	12/18/87
	A5	5,013,556	05/07/91	W	oodle <i>et al</i> .	4	24	450	10/20/89
	A6	5,153,000	10/06/92	Ch	ikawa <i>et al</i> .	4	24	450	11/16/89
	A7	5,225,212	07/06/93 Ma		rtin <i>et al</i> .	4	24	450	12/10/90
	A8	5,395,619	03/07/95	Zal	ipsky et al.	4	24	450	03/03/93
		F	oreign P	ate	ent Docume	nts			
Exam. Init.	Ref. Des.	Document Number	Date		Country	Cla	ss	Sub Class	Translation Yes/No
h	Bl	EP 0370491	04-19-95	5	Еигоре				
. (Other A	Art (Includin	g Autho	r, T	itle, Date P	ert	iner	nt Page	es, Etc.)
Exam. Init.	Ref. Des.				Citation		rə		· · · · · · · · · · · · · · · · · · ·
h	CI	Allen and Cho reticuloendoth	nn, "Large i	unila	amellar liposom	ies v 1):4:	vith lo	ow uptak 1987.	ce into the
M	C2	reticuloendothelial system," FEBS Lett., 223(1):42-46, 1987. Allen, Hansen, Martin, Redemann, Yau-Young, "Liposomes containing synthetic lipid derivatives of poly(ethylene glycol) show prolonged circulation half-lives in vivo," Biochim. Biophys. Acta, 1066:29-36, 1991.							
h	Amselem, Cohen, Barenholz, "In vitro tests to predict in vivo performance of liposomal dosage forms," Chem. Phys. Lipids, 64:219-237, 1993.								
Examin	er:	Kul.			Date Conside	ered		6/4	٥٦
EXAMINE	XAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if								

Form PTO-1449 (modified)		Atty. Docket No. /erial No. NUBI:002/FUS 08/912,978		
List of Patents and Publications fo		Applicant		
INFORMATION DISCLOSURE S	TATEMENT	Rajindra Aneja		
(Use several sheets if neces	sary)	Filing Date: August 13, 1997	Group: 1502	
_		Patent Documents see Page 1	Other Art See Page 1	

Exam. Init.	Ref. Des.	Citation				
m.	Aneja, "Structural and stereochemical purity of glycerophospholi Biochem. Soc. Trans., 2:38-41:1974.					
,	C5	Aneja, "Novel biomolecular approaches to steric stabilization of liposomes: materials and organization," An American Chemical Society Symposium, ACS Annual Meeting, Sept. 8-11, Las Vegas, NV, 1977.				
	C6	Aneja, "Novel biomaterials for optimizing liposomal drug delivery," 213th ACS National Meetingof the American Chemical Society, San Francisco, California, USA, Abstracts of Papers American Chemical Society, 213:(1-3), Abstract BIOT-003, April 13-17, 1997.				
	C7	Aneja, Chadha, Davies, "A general synthesis of glycerophospholipids," Biochim. Biophys. Acta, 218:102-111, 1970.				
	C8	Aneja and Davies, "The synthesis of a spin-labelled glycero-phospholipid," Chem. Phys. Lipids, 4:60-71, 1970.				
	C9	Bahr, Deppe, Karas, Hillenkamp, "Mass spectrometry of synthetic polymers by UV-matrix-assisted laser desorption/ionization," Anal. Chem., 64:2866-2869, 1992.				
	C10	Balch, Morris, Brooks, Sleight, "The use of N-(7-nitrobenz-2-oxa-1,3-diazole-4-yl)-labeled lipids in determining transmembrane lipid distribution," Chem. Phys. Lipids, 70:205-212, 1994.				
	C11	Bangham and Horne, "Negative staining of phospholipids and their structural modification by surface-active agents as observed in the electron microscope," <i>J. Mol. Biol.</i> , 8:660-668, 1964.				
	C12	Bangham, Standish, Watkins, "Diffusion of univalent ions across the lamellae of swollen phospholipids," J. Mol. Biol., 13:238-252, 1965.				

						_
Examiner:	V 1	Date Considered:		Τ	T =	
	Coll	Date Considered.	6	IΨ	10)	
EXAMINER: initial	if reference consider	ad whather or not election in in conference in the page of	<u> </u>			

Form PTO-1449 (modified)		Atty. Docket No. /erial No. NUBI:002/FUS 08/912,978		
List of Patents and Publications for	Applicant's	Applicant		
INFORMATION DISCLOSURE S	TATEMENT .	Rajindra Aneja		
•		Filing Date:	Group:	
(Use several sheets if necess	ary) ·	August 13, 1997	1502	
U.S. Patent Documents Foreign I		atent Documents	Other Art	
See Page 1		ee Page 1	See Page 1	

Exam. Ref. Des.		Citation			
lm	C13	Bartlett, "Phosphorus assay in column chromatography," J. Biol. Chem., 234(3):466-468, March 1959.			
	C14	Beauchamp, Gonias, Menapace, Pizzo, "A new procedure for the synthesis of polyethylene glycol-protein adducts; effects on function, receptor recognition, and clearance of superoxide dismutase, lactoferrin, and α ₂ -macroglobulin," <i>Anal. Biochem.</i> , 131:25-33, 1983.			
	Blume and Cevc, "Liposomes for the sustained drug release in vivo," Biochim. Biophys. Acta, 1029:91-97, 1990.				
Caffrey, "Kinetics and mechanism of the lamellar gel/lamellar liquid-crystal and lamellar/inverted hexagonal phase transition in phosphatidylethanolamin A real-time x-ray diffraction study using synchrotron radiation," <i>Biochemist</i> 24:4826-4844, 1985.					
	C17	Caffrey and Bilderback, "Kinetics of the main phase transition of hydrated lecithin monitored by real-time x-ray diffraction," <i>Biophys.J.</i> , 45:627-631, March 1984.			
	C18	Chattopadhyay, "Chemistry and biology of N-(7-nitrobenz-2-oxa-1,3-diazol-4-yl)-labeled lipids: fluorescent probes of biological and model membranes," Chem. Phys. Lipids, 53:1-15, 1990.			
	C19	Dao, McIntyre, Sleight, "Large-scale preparation of asymmetrically labeled fluorescent lipid vesicles," <i>Anal. Biochem.</i> , 196:46-53, 1991.			
	C20	de Gennes, "Conformations of polymers attached to an interface," <i>Macromolecules</i> , 13:1069-1075, 1980.			
	C21	Fattal, Nir, Parente, Szoka Jr., "Pore-Forming Peptides Induce Rapid Phospholipid flip-flop in membranes," <i>Biochemistry</i> , 33:6721-6731, 1994.			

Examiner:	Kidu	Date Considered:	6(4	(97	
EVALUATED. 1-141-114	-4-	 			

Form PTO-1449 (modified)		Atty. Docket No. NUBI:002/FUS	/erial No. 08/912,978		
List of Patents and Publications for	Applicant's	Applicant			
Information Disclosure S	TATEMENT	Rajindra Aneja			
(Use several sheets if necess	ary)	Filing Date: August 13, 1997	Group: 1502		
U.S. Patent Documents Foreign I		atent Documents	Other Art		
See Page 1	Se	e Page 1	See Page 1		

Exam. Init.	Ref. Des.	Citation			
-2	C22	Gombotz and Pettit, "Biodegradable polymers for protein and peptide drug delivery," Bioconjugate Chem., 6:332-351, 1995.			
	C23	Gregoriadis, "Fate of injected liposomes: observations on entrapped solute retention, vesicle clearance and tissue distribution in vivo," In: Liposomes as Drug Carriers, Wiley, New York, pp. 3-18, 1988.			
	C24	Griffin, "Calculation of "HLB" values of nonionic surfactants," J. Soc. Cosmetic Chemists, 1:311-326, 1949, as cited in Biological Abstracts, 27:1955, column 9941.			
	C25	Griffin, "Calculation of "HLB" values of nonionic surfactants," Am. Perfumer Essential Oil Rev., 65(5):26-29, 1955, as cited in Biological Abstracts, 27:1955, column 9941.			
	C26	Herbette, Marquardt, Scarpa, Blasie, "A direct analysis of lamellar x-ray diffraction from hydrated oriented multilayers of fully functional sarcoplasmic reticulum," <i>Biophys. J.</i> , 20:245-272, 1977.			
	C27	Hope, Bally, Webb, Cullis, "Production of large unilamellar vesicles by a rapid extrusion procedure. Characterization of size distribution, trapped volume and ability to maintain a membrane potential," <i>Biochim. Biophys. Acta</i> , 812:55-65, 1985.			
	C28	Hristova and Needham, "Physical properties of polymer-grafted bilayers," In: Stealth® Liposomes, Lasic and Martin eds., CRC Press, Boca Raton, FL, Ch. 5, pp. 35-49, 1995.			
ha	C29	Kenworthy, Hristova, Needham, McIntosh, "Range and magnitude of the steric pressure between bilayers containing phospholipids with covalently attached poly(ethylene glycol)," <i>Biophys. J.</i> , 68:1921-1936, May 1995.			

Examiner:	kih	Date Considered:	6/4/07	
			1 11	

				•		Page 5 of 8		
Form PTO-1449 (modified)				Atty. Docket No.		/erial No.		
				NUBI:002/FUS	ابا	08/912,978		
List	of Patents	and Publications fo	r Applicant's	Applicant		· .		
1	NFORMATI	ON DISCLOSURE S	TATEMENT	Rajindra Aneja				
				Filing Date:		Group:		
		several sheets if necess		August 13, 1997	1	1502		
		nt Documents	, –	atent Documents	! :	Other Art		
	See	Page 1	Se Se	e Page 1		See Page 1		
	Other	Art (Includin	g Author,	Title, Date Per	tinen	t Pages, Etc.)		
Exai Init				Citation				
h	C30	,	ntaining phos	•		navior of lipid ttached poly(ethylene		
	C31	polyethylene g Biophysical Jo	nworthy, Simon, McIntosh, "Effects of lipids with covalently attached yethylene glycol on distearoylphosphatidylcholine bilayer structure," physical Journal, 38th Annual Meeting of the Biophysical Society, New eans, Louisiana, USA, March 6-10, 1994.					
	C32	poly(ethylene g	Iaruyama, Beckerleg, Torchilin, Huang, "Activity of amphipathic eglycol) 5000 to prolong the circulation time of liposomes the liposome size and is unfavorable for immunoliposome binding iochim. Biophys. Acta, 1062:142-148, 1991.					
	C33			_	•	polyethyleneglycols SEBS Lett., 268(1):235-		
	C34		ng short-chain	achvili, "Modulationed ethylene oxide h		teraction forces between ups," Biophys. J.,		
	C35	Lasic, "Sterical 1698, 1994.	ly stabilized v	esicles," Angew. Cl	hem. Ini	t. Ed. Engl., 33:1685-		
	C36	Nonmedical Ap	pplications of l	F. Liposomes in drug delivery," In: Handbook of Liposomes, From Gene Delivery and Diagnositics a Raton, FL., Vol. IV, pp. 308-309, 1996.				
4	C37	liposomes *: a	hypothesis on	ang, Papahadjopoulos, "Sterically stabilized in the molecular origin of the extended circulation cta, 1070:187-192, 1991.				
7	C37	Nonmedical Ap to Ecology, CR Lasic, Martin, liposomes *: a	oplications of I C Press, Boca Gabizon, Huan hypothesis on	Liposomes, From G Raton, FL., Vol. IV ng, Papahadjopoulo the molecular origi	ene Del V, pp. 3 s, "Ster in of the	livery and Diagnositics 08-309, 1996.		

Examiner:	Kirla	Date Considered:	107
EVARINED: initial if	reference considered whether	and all street in the second control of the NADEDGOOD CO.	44 4 14 17 19

FORM PTO-1449 (modified) List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT		Atty. Docket No.	/erial No.
		NUBI:002/FUS	08/912,978
		Applicant	
		Rajindra Aneja	
		Filing Date:	Group:
(Use several sheets if necessary)		August 13, 1997	1502
U.S. Patent Documents	Foreign F	Patent Documents	Other Art
See Page 1	1	ee Page 1	See Page 1

Exam. Ref. Des.		Citation				
In	C38	Lasic, Woodle, Martin, Valentincic, "Phase behavior of >>stealth®-lipid<-lecithin mixtures," <i>Periodicum Biologorum</i> , 93(2):287-290, 1991.				
receptors. Structur		Lefkowitz, Stadel, Caron, "Adenylate cyclase-coupled beta-adrenergic receptors. Structure and mechanisms of activation and desensitization," Ann. Rev. Biochem., 52:159-186, 1983.				
	C40	Lesieur, Grabielle-Madelmont, Paternostre, Ollivon, "Study of size distribution and stability of liposomes by high performance gel exclusion chromatography," <i>Chem. Phys. Lipids</i> , 64:57-82, 1993.				
·	C41	Liu and Huang, "Small, but not large, unilamellar liposomes composed of dioleoylphosphatidylethanolamine and oleic acid can be stabilized by human plasma," <i>Biochemistry</i> , 28:7700-7707, 1989.				
	C42	MacDonald, MacDonald, Menco, Takeshita, Subbarao, Hu, "Small-volume extrusion apparatus for preparation of large, unilamellar vesicles," <i>Biochim. Biophys. Acta</i> , 1061:297-303, 1991.				
	C43	Marsh, "X-ray diffraction data, In: CRC Handbook of Lipid Bilayers, CRC Press, Boca Raton, FL, Ch. II.8, pp. 163-183, 1990.				
	C44	Mayer, Hope, Cullis, "Vesicles of variable sizes produced by a rapid extrusion procedure," <i>Biochim. Biophys. Acta</i> , 858:161-168, 1986.				
	C45	McIntosh, Magid, Simon, "Steric repulsion between phosphatidylcholine bilayers," <i>Biochem.</i> , 26:7325-7332, 1987.				
m	C46	Mori, Klibanov, Torchilin, Huang, "Influence of the steric barrier activity of amphipathic poly(ethyleneglycol) and ganglioside GM ₁ on the circulation time of liposomes and on the target binding of immunoliposomes in vivo," FEBS Lett., 284(2):263-266, June 1991.				

Examiner:	kn	n	Date Considered:	6/4	(.07	
					··	

Form PTO-1449 (modified) List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT		Atty. Docket No.	/erial No.
		NUBI: 302/FUS	08/912,978
		Applicant	
		Rajindra Aneja	
(Use several sheets if neces	sary)	Filing Date: August 13, 1997	Group: 1502
_		Patent Documents	Other Art
		ee Page 1	See Page 1

Exam. Ref. Init. Des.		Citation				
h	C47	Navarro, Chabot, Sherrill, Aneja, Zahler, Racker, "Interaction of duramycin with artificial and natural membranes," <i>Biochemistry</i> , 24(17):4645-4650, 1985.				
	C48	Needham, McIntosh, Lasic, "Repulsive interactions and mechanical stability of polymer-grafted lipid membranes," <i>Biochim. Biophys. Acta</i> , 1108:40-48, 1992.				
	C49	Neugebauer, "Detergents: an overview," Methods in Enzymology, 182:239-252, 1990.				
	C50	Nishikawa, Arai, Inoue, "Scavenger receptor-mediated uptake and metabolism of lipid vesicles containing acidic phospholipids by mouse peritoneal macrophages," J. Biol. Chem., 265(9):5226-5231, March 25, 1990.				
·	C51	Nolan, Magargee, Posner, Hammerstedt, "Flow cytometric analysis of transmembrane phospholipid movement in bull sperm," <i>Biochemistry</i> , 34:3907-3915, 1995.				
	C52 ·	Parr, Ansell, Choi, Cullis, "Factors influencing the retention and chemical stability of poly(ethylene glycol)-lipid conjugates incorporated into large unilamellar vesicles," <i>Biochim. Biophys. Acta</i> , 1195:21-30, 1994.				
	C53	Parsegian, Rand, Fuller, Rau, "Osmotic stress for the direct measurement of intermolecular forces," Methods Enzymol., 127:400-416, 1986.				
	C54	Rand and Luzzati, "X-ray diffraction study in water of lipids extracted from human erythrocytes," <i>Biophys. J.</i> , 8:125-137, 1968.				
	C55	Small, "Polar lipids," In: Handhook of Lipid Research, The Physical Chemistry of Lipids, From Alkanes to Phospholipids, Plenum Press, New York, Ch. 4, p. 93, 1986a.				
h	C56	Small, "Phospholipids," In: Handbook of Lipid Research, The Physical Chemistry of Lipids, From Alkanes to Phospholipids, Plenum Press, New York, Ch. 12, pp. 475-522, 1986b.				

Examiner:	Kale	Date Considered:	6/4/07
EXAMINER: initial	if reference considered wh	other or not citation is in conformance with MDEDS	OD: Deare line thereigh situation if

		• •				
		•			Page 8 of	
Form PTO-1449 (modified)		Atty. Docket No.	- /erial No.			
The (modified)		NUBi:002/FUS	08/912,978			
List of Patents and Publications for Applicant's		Applicant				
		Λ_				
INF	ORMATIC	N DISCLOSURE S	TATEMENT	Rajindra Aneja		
	illse s	everal sheets if necess	eans)	Filing Date:	Group:	
			· ·	August 13, 1997	1502	
U.		Documents Page 1		atent Documents	Other Art	
	3667	age I	Se	e Page 1	See Page 1	
	Other	Art (Includin	g Author,	Title, Date Per	tinent Pages, Etc.)	
Exam. init.	Ref. Des.			Citation	-	
	C57	Szoka, Olson, I	leath, Vail, M	layhew, Papahadjop	oulos, "Preparation of	
		unilamellar lipo	somes of inte	rmediate size (0.1-0	.2μm) by a combination of	
W 1		reverse phase e	vaporation and	d extrusion through	polycarbonate membranes,"	
	<u> </u>	Biochim. Bioph				
.]	C58	Szoka Jr. and P	apahadjopoul	os, "Procedure for p	reparation of liposomes with	
1.1		large internal ac	queous space a	and high capture by	reverse-phase evaporation,"	
				75(9):4194-4198, 5		
1 1	C59	Winterhalter and Lasic, "Liposome stability and formation: Experimental parameters and theories on the size distribution," Chem. Physics Lipids, 64:35-				
\ \		parameters and 43, 1993.	theories on th	e size distribution,"	Chem. Physics Lipids, 64:35-	
-++	C60		ao madifiad li			
	C60	increased stabili	ity and prolon	posomes: assessme	nt and characterization for	
1 1		64:249-262, 199	nty and projon	ged blood chedialic	on," Chem. Physics Lipids,	
	C61			stabilized linosom	es," Biochim. Biophys. Acta,	
1		1113:171-199, 1	1992.	owomized iiposom	es, Diochim. Biophys. Acta,	
	C62			New amphipatic po	lymer-lipid conjugates	
		forming long-circulating reticuloendothelial system-evading liposomes,"				
		Bioconjugate Ci	hem., 5(6):493	3 -49 6, 1994.		
11	C63	Woodle, Mattha	y, Newman, I	lidayat, Collins, Re	demann, Martin,	
		Papahadjopoulos, "Versatility in lipid compositions showing prolonged				
		circulation with sterically stablized liposomes," Biochim. Biophys. Acta,				
		1105:193-200, 1				
	C64	Worthington, "The interpretation of low-angle x-ray data from planar and				
		concentric multilayered structures. The use of one-dimensional electron density strip models," <i>Biophys. J.</i> , 9:222-234, 1969.				
					·	
1	C65	Yatvin, Tegmo-	Larsson, Deni	nis, "Temperature- a	and pH-sensitive liposomes for	
'		drug targeting,"	Methods in E	nzymology, 149:77-	87, 1987.	
M	C66	Zalipsky, "Func	tionalized pol	y(ethylene glycol)	for preparation of biologically	
V		relevant conjuga	ates," <i>Bioconj</i>	ugate Chem., 6:150	-165, 1995.	
			•			

Examiner:	Kill	Date Considered:	6/4	רפ
		<u> </u>	, ,	•